



Ching-Huei

C.C.D. Fully Auto. Printing M/C

MODEL : CHIP-610-1

Suitable :

Single-Sided · Double-Sided · Multilayer · Solder Mask · Resin · Carbon · Silver Pastes Etc... Plug Hole Printing, And Any Kind Of Difficult And High Precision Of P.C.B. printing.

Option :

L.P.I. Printing Device

It can use with B/F off contact system to prevention sticking screen.

And it also can use with a special type of squeegee bar, can increase the printing area.

Screen compensation

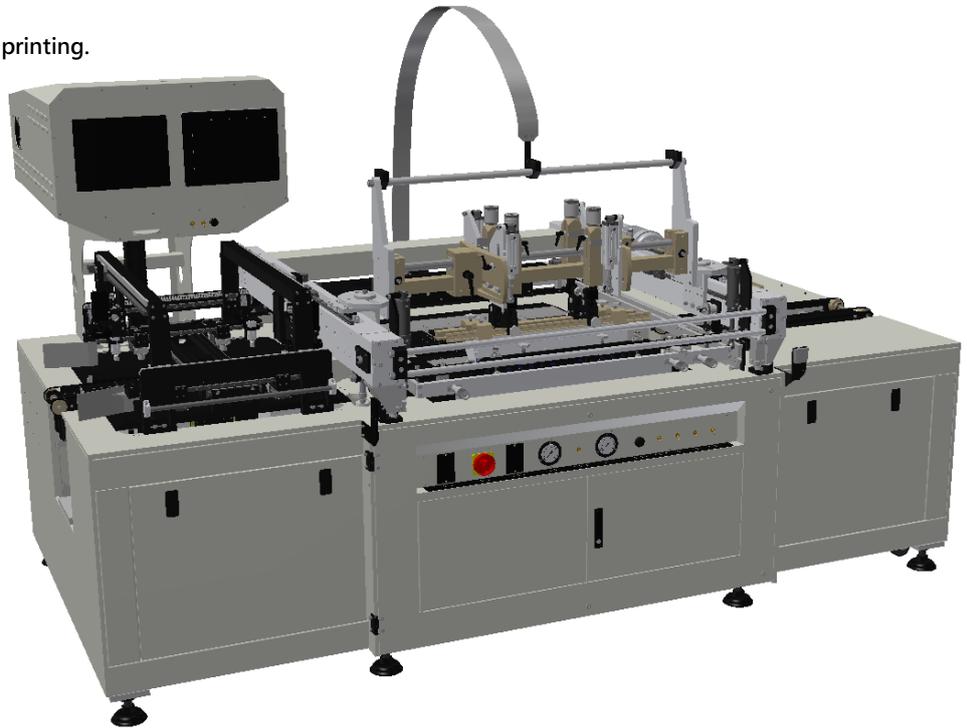
Special to screen manufactured error, mend printing deflection. It can improve the application number of screen halftone effectively.

Squeegee Pressure Demonstration System (Patent)

The precise adjust printing pressure guarantees the printing uniformity.

Ink Transferring Mode

Applicable to high viscosity or easy to penetrate solder mask printing.



Feature :

- 1.The squeegee transmission structure adopts the high rigidity design (Light quantization aluminum alloy of integrative shaping). 90° angle double track design is using two Japanese THK linear guides. Special structural design, it is smoother to shake the squeegee transmission from side to side from head to foot while preventing transmitting. Repeated printing precision is high.
- 2.The supreme level image alignment system can be use for copper foil, green paint, tin spray, gold, nickel and other targets and various types of special-shaped target to identify high-speed precision positioning.
- 3.It can suitable any kind of printing process, and also can easy and fast change a new P.N., change a new P.N. to mass production only need 5 ~10 minutes.
- 4.It has two kind of positioning ways: image alignment and side positioning can help Improve productivity.
- 5.When use L.P.I full printing, user also can setting table move X-Y to prevention more ink into the hole.
- 6.Single-Sided printing can suitable 610 X 610 mm, in use bigger printing area will not printing deformation.
- 7.Single-Sided Printing can use 2oz foil, high rigidity of equipment structure can make easy printing, not easy to make ink penetrate, and not printing missing

Max. Print Area	610x610 mm (24"x24")	Fixed Type	Mechanical Clamp Fixed, Vacuum Fixed
Min. Print Area	280x280 mm	Image Processing Cycle	0.5 sec./pcs.
Max. Frame Size	1100x1100mm	Image Alignment Accuracy	±0.005mm
Min. Frame Size	950x950mm	Moving Table Position Accuracy	±0.005mm
Printing Table Area	800x1040mm	X.Y.Θ Table Accuracy	X.Y.Θ±0.005mm
Max. Vacuum Area	600x630mm	C.C.D. Lighting Style	LED Light
Thickness	0.3 ~ 5.0mm	Voltage	3Ø-220/380V-50/60Hz-7KW
Speed Of Printing	0~600 mm/sec.	Air Consumption	400 L/min. (5~6kg/cm ²)
Production Efficiency	5~6 sec./pcs.	M/C Dim.	3190(L)x1860(W)x1970(H)mm
Squeegee Slope Angle	0°~45°	M/C Weight	3007 kgs
Squeegee Angle In X-Y Plane	±5°	Working Height	950~1000 mm

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